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Zebra Medical Vision announces agreement with DePuy Synthes

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This technology is planned to be introduced as part of DePuy Synthes' VELYS Digital Surgery solutions



Israel based Zebra Medical Vision, the deep learning medical imaging analytics company has announced a global co-development and commercialization agreement with US based DePuy Synthes to bring Artificial Intelligence (AI) opportunities to orthopaedics, based on imaging data.

Every year, millions of orthopaedic procedures worldwide use traditional two-dimensional (2D) CT scans or MRI imaging to assist with pre-operative planning. CT scans and MRI imaging can be expensive, and CT scans are associated with more radiation and are uncomfortable for some patients. Zebra-Med's technology uses algorithms to create three-dimensional (3D) models from X-ray images. This technology aims to bring affordable pre-operative surgical planning to surgeons worldwide without the need for traditional MRI or CT-based imaging.

Eyal Gura, Co-Founder and CEO of Zebra Medical Vision said, "We are thrilled to start this collaboration and have the opportunity to impact and improve orthopaedic procedures and outcomes in areas including the knee, hip, shoulder, trauma, and spine care. We share a common vision surrounding the impact we can have on patients' lives through the use of AI, and we are happy to initiate such a meaningful strategic partnership, leveraging the tools and knowledge we have built around bone health AI in the last five years."

This technology is planned to be introduced as part of DePuy Synthes' VELYS Digital Surgery solutions for pre-operative, operative, and post-operative patient care.